
Subject: Re: strange results from webget

Posted by [fquintero](#) on Thu, 27 Jun 2013 14:56:18 GMT

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On Wednesday, December 19, 2012 4:10:28 PM UTC-6, JP wrote:

> G'day all,

>

>

>

> I am using the webget function from astrolib <http://idlastro.gsfc.nasa.gov/> and i am finding some weird things.

>

> This is my example:

>

> If I call webget to retrieve the information from an url like this:

>

> [http://thredds0.nci.org.au/thredds/dodsC/u39/modis/lpdaac-mo-saics-cmar/v1-hdf4/aust/MOD09A1.005/2004.12.10/MOD09A1.2004.345.aust.005.b01.500m_0620_0670nm_refl.hdf.gz.ascii?500m_0620_0670nm_refl\[5109:1:5343\]\[7451:1:7472\]](http://thredds0.nci.org.au/thredds/dodsC/u39/modis/lpdaac-mo-saics-cmar/v1-hdf4/aust/MOD09A1.005/2004.12.10/MOD09A1.2004.345.aust.005.b01.500m_0620_0670nm_refl.hdf.gz.ascii?500m_0620_0670nm_refl[5109:1:5343][7451:1:7472])

>

> If you try that in a browser you'll see it returns meaningful data. (for thos interested that's a small subset of a MODIS reflectance product for Australia).

>

>

>

> I try that with webget doing:

>

>

>

> url = ' [http://thredds0.nci.org.au/thredds/dodsC/u39/modis/lpdaac-mo-saics-cmar/v1-hdf4/aust/MOD09A1.005/2004.12.10/MOD09A1.2004.345.aust.005.b01.500m_0620_0670nm_refl.hdf.gz.ascii?500m_0620_0670nm_refl\[5109:1:5343\]\[7451:1:7472\]](http://thredds0.nci.org.au/thredds/dodsC/u39/modis/lpdaac-mo-saics-cmar/v1-hdf4/aust/MOD09A1.005/2004.12.10/MOD09A1.2004.345.aust.005.b01.500m_0620_0670nm_refl.hdf.gz.ascii?500m_0620_0670nm_refl[5109:1:5343][7451:1:7472])'

>

>

>

> a = webget(url)

>

>

>

> so far so good.

>

> However, when i explore the contents of a.text, in a few cases the result doesnt match what you get in your browser. For example:

>

>

>

```
> for i=68, 71 do print, a.text[i]
>
>
>
> I get:
>
>
>
> [56], 1921, 1980, 1785, 1954, 2078, 2072, 1822, 1822, 1401, 1494, 1494, 1840
>
> 2000
>
> , 2218, 2050, 2050, 1798, 1719, 1683, 1808, 1652, 1940, 1703
>
> [57], 1945, 1980, 1921, 1927, 1865, 1865, 1944, 1678, 1290, 1255, 1477, 1901, 1840, 1996,
1916, 1631, 1762, 1756, 1756, 1652, 1652, 1641
>
>
>
> that's different from what i expect , looking at the result in my browser which looks:
>
>
>
> [56], 1921, 1980, 1785, 1954, 2078, 2072, 1822, 1822, 1401, 1494, 1494, 1840, 2218, 2050,
2050, 1798, 1719, 1683, 1808, 1652, 1940, 1703
>
> [57], 1945, 1980, 1921, 1927, 1865, 1865, 1944, 1678, 1290, 1255, 1477, 1901, 1840, 1996,
1916, 1631, 1762, 1756, 1756, 1652, 1652, 1641
>
>
>
> the problem is repeated a few other times.
>
>
I had the same problem
Its a problem with the chunks of data as wlandsman said.
I tried the IDLnetURL solution and it worked
ourl = obj_new('IDLnetURL')
myurl = 'anyurl'
text = ourl->get(/string_array,url=myurl)

> Any ideas? I know webget uses SOCKET and other things like that, I didn't go that far in
exploring where the problem could be in.
>
>
>
> Thanks
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>
>
>
> JP
